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Attorney Docket No. 1796-0157

Application Serial No.
09/811,417In the Claims:

Amend claims 9, 10 and 12 through 15, and add claim 16, as follows.

1. (Cancelled)

2. (Previously amended) The polishing device of claim 12, wherein said externally contacting shaft is formed in a ring-shaped hollow cylinder; and under free conditions, the externally contacting shaft has a diameter which is a little bit larger than a diameter of an imaginary circle which externally contacts with the plurality of intermediate shafts whereby pressing load is created by means of deformation of the externally contacting shaft.

3. (Previously amended) The polishing device according to Claim 12, wherein the internally contacting cylinder is formed in co-axially arranged double hollow rings, and that an inside ring and an outside ring of the double hollow rings are coupled with each other by means of a coupling member.

4. (Previously amended) The polishing device according to Claim 12, wherein the internally contacting cylinder is coupled with the table by means of at least one of a pin or a key.

5. (Previously amended) The polishing device according to Claim 12, wherein the internally contacting cylinder is formed in an inner race of the main bearing.

6. (Previously amended) The polishing device according to Claim 5, wherein the main bearing is formed by two lines of angular ball bearings, and the

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outer race of the main bearing is integrated with a housing of the polishing device.

7. (Previously amended) The polishing device according to Claim 12, wherein an electric motor is coupled with the input shaft, and the input shaft is offset more greatly than a radius of the electric motor from the center of the externally contacting shaft.

8. (Previously amended) The polishing device of claim 13, wherein a carrier rotatably supports the intermediate shafts, and output is taken from the carrier.

9. (Currently amended) The ~~A~~ polishing device comprising: according to
Claim

~~8, wherein~~

a table;

a traction drive type reduction gear driving said table, said reduction gear
comprising:

a center;

an externally contacting shaft arranged at said center;

a plurality of intermediate shafts disposed equidistantly at a circumference
of the externally contacting shaft, said intermediate shafts externally contacting
the externally contacting shaft; and

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an internally contacting cylinder with which the intermediate shafts
internally contact;

said externally contacting shaft being an input shaft;

a carrier rotatably supports the intermediate shafts, and output is taken
from the carrier; and

the externally contacting shaft is offset from the rotational center of the table, and an output shaft coupled to the carrier is being disposed on an axis of an externally contacting shaft, and the output shaft is being coupled with the table by means of a power transmission member.

10. (Currently amended) The polishing device according to Claim 9, wherein an electric motor is coupled with the externally contacting shaft ~~which serves as an input shaft.~~

11. (Previously added) A polishing device comprising:

a table;

a traction drive type reduction gear driving said table, said reduction gear comprising:

a center;

an externally contacting shaft arranged at said center;

a plurality of intermediate shafts disposed equidistantly at a circumference of the externally contacting shaft, said intermediate shafts externally contacting the externally contacting shaft; and

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an internally contacting cylinder with which the intermediate shafts
internally contact.

12. (Currently amended) The polishing device of claim 11, wherein at
least one of the intermediate shafts is an input shaft.

13. (Currently amended) The polishing device of claim 11, wherein the
externally contacting shaft is an input shaft.

14. (Currently amended) The polishing device of claim 11, wherein
said polishing device is a polishing table.

15. (Currently amended) The A polishing device comprising: of claim 13,
wherein

a table; and

a traction drive type reduction gear driving said table, said reduction gear
comprising:

a center;

an externally contacting shaft arranged at said center;

a plurality of intermediate shafts disposed equidistantly at a circumference
of the externally contacting shaft, said intermediate shafts external y contacting
the externally contacting shaft; and

an internally contacting cylinder with which the intermediate shafts
internally contact;

said externally contacting shaft being an input shaft.

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a carrier rotatably supporting the intermediate shafts, and output is being taken from the internally contacting cylinder.)

16. (New) A polishing device comprising:

a table provided with hollow space beneath the central portion of the table;

a traction drive type reduction gear driving said table; and

a driving motor coupled with the reduction gear and disposed offset from the central rotational axis of the table:

said reduction gear comprising:

a center;

an externally contacting shaft arranged at said center;

a plurality of intermediate shafts disposed equidistantly at a circumference of the externally contacting shaft, said intermediate shafts externally contacting the externally contacting shaft; and

an internally contacting cylinder with which the intermediate shafts internally contact and which is formed in co-axially arranged double hollow rings.)